

CLAIMS

A drive-type tape rule, the said drive-type tape ruler comprised of a left case half, a right case half, a blade take-up spool, a spring-loaded wheel, and a stationary shaft, wherein:

5 said left case half is of one-piece plastic construction; a plurality of mounting posts are disposed along the interior periphery of the said left case half and, furthermore, a circular recess is contoured into the center of the said left case half, and a journal bearing is formed at the center of the said recess;

 said right case half is of one-piece plastic construction; a plurality of
10 mounting holes are disposed along the interior periphery of the said right case half and, furthermore, a journal bearing is formed at the center of the said right case half;

 said blade take-up spool has a tape ruler blade wound around it; a circular hole is disposed in one side of the said blade take-up spool and a hexagonal socket
15 is formed in its opposite side;

 said spring-loaded wheel contains an internal concentric spring, a columnar hexagonal drive member projects from one side of the said spring-loaded wheel and, furthermore, a circular opening is formed through the bottom section of the

said drive member and another circular opening is formed in the center at the opposite side of the said spring-loaded wheel;

said stationary shaft is a slender rod having a lengthwise slot, with a polygonal end fitting respectively disposed at the two extremities of the said stationary shaft;

said stationary shaft is inserted through the said circular hole in one side of the said blade take-up spool as well as the said hexagonal socket in its opposite side and, furthermore, through the said circular openings of the said spring-loaded wheel, the said end fitting at one extremity of the said stationary shaft is nested in the said journal bearing of the said left case half, and the innermost end of the said internal concentric spring of the said spring-loaded wheel is secured into the said lengthwise slot of the said stationary shaft; the said drive member at one side of the said spring-loaded wheel engages the said hexagonal socket in one side of the said blade take-up spool, the said right case half and the said left case half are brought together, and the said end fitting at the other extremity of the said stationary shaft is nested in the said journal bearing of the said right case half; a plurality of screws are respectively inserted through the said mounting holes of the said right case half and then fastened in the said mounting posts to complete the assembly of the tape rule structure of the present invention.